bs-7921R

[Primary Antibody]

Bioss ANTIBODIES

Robo2 Rabbit pAb

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 6092 SWISS: Q9HCK4

Target: Robo2

Immunogen: KLH conjugated synthetic peptide derived from human Robo2:

144-220/1378.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: Receptor for SLIT2, and probably SLIT1, which are thought to act

as molecular guidance cue in cellular migration, including axonal navigation at the ventral midline of the neural tube and projection of axons to different regions during neuronal development. Involvement in disease:Defects in ROBO2 are the cause of vesicoureteral reflux type 2 (VUR2). VUR is a complex, genetically heterogeneous developmental disorder characterized by the retrograde flow of urine from the bladder into the ureter and is associated with reflux nephropathy, the cause of 15% of end-stage

renal disease in children and young adults.

Applications: WB (1:500-2000)

IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000)

Reactivity: Mouse (predicted: Human,

Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)

Predicted MW.: 149 kDa

Subcellular Location: Cell membrane

— SELECTED CITATIONS –

• [IF=4.9] Kejuan Li. et al. Direct and Indirect Downstream Pathways That Regulate Repulsive Guidance Effects of FGF3 on Developing Thalamocortical Axons. INT J MOL SCI. 2025 Jan;26(15):7361 IF; Chicken. 40806490